

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for authenticating a recording medium, the method comprising the steps of:

acquiring, from the recording medium, a first set of a first type of unique data that is recorded on an information track on the recording medium in accordance with a predetermined rule;

acquiring, from the recording medium, a second set of the first type of unique data that is recorded on the recording medium in accordance with the predetermined rule, said first and second sets of the first type of unique data include information specifying a recording method; and

authenticating the recording medium based on a comparison of the first and second sets of unique data acquired in the data acquisition steps.

2. (Previously Presented) A method according to claim 1, wherein the predetermined rule assigns respective values to the first and second sets of unique data, each of the values is based on a respective one of a plurality of different types of recording methods, and the respective one of the recording methods is used to record each of the first and second sets of unique data.

3. (Original) A method according to claim 2, wherein the plurality of types of recording methods comprises an uninterrupted recording method and an incremental recording method.

4. (Original) A method according to claim 3, wherein the uninterrupted recording method is a track at once recording method, and the incremental recording method is a packet write recording method.

5. (Previously Presented) A method according to claim 2, wherein the first set of unique data comprises information for identifying the type of recording method used to record the first and second sets of unique data.

6. (Previously Presented) A method according to claim 1, wherein the second set of unique data comprises at least one of data in a track descriptor unit and data in a sub-code control.

7. (Previously Presented) A method according to claim 1, further comprising:

acquiring from the recording medium, a third set of the first type of unique data comprising data within a runout portion of the information track; and

authenticating the recording medium based on a comparison of the third set of unique data with a predetermined value.

8. (Previously Presented) A method according to claim 1, wherein the first and second sets of unique data each comprises data recorded within a predetermined size packet.

9. (Previously Presented) A method according to claim 1, further comprising:

acquiring, from the recording medium, a first set of a second type of unique data that is recorded on another information track on the recording medium in accordance with the predetermined rule;

acquiring, from the recording medium, a second set of the second type of unique data that is recorded on the recording medium in accordance with the predetermined rule; and

authenticating the recording medium based on a comparison of the first and second sets of the second type of unique data acquired in the data acquisition steps,

wherein the first type of unique data comprises data that is recorded in one of multiple sessions, and the second type of unique data comprises data that is recorded in another one of the multiple sessions.

10. (Previously Presented) A method according to claim 1, wherein the first and second sets of unique data each comprises data that is recorded in a variable size packet.

11. (Canceled)

12. (Previously Presented) A method according to claim 10, wherein the recording medium has, in a first session, a second track as a dummy track not present in the ISO 9660 file system and wherein the information track comprises a lead in area and a program memory area.

13. (Previously Presented) A method according to claim 12, wherein the first set of unique data comprises track information.

14. (Original) A method according to claim 13, wherein the track information identifies a recording method of the track.

15. (Original) A method according to claim 13, wherein the track information identifies a recording position of the track.

16. (Original) A method according to claim 12, wherein the recording medium records data in multiple sessions.

17. (Previously Presented) A method according to claim 16, wherein the information track comprises a program memory area and a second track that is additionally recorded.

18. (Original) A method according to claim 17, wherein the unique data of the second track that is additionally recorded comprises a disk ID.

19. (Canceled)

20. (Currently Amended) A computer readable recording medium storing a computer program for causing a computer to perform an instruction for authenticating a recording medium, the instruction comprising the steps of:

acquiring, from the recording medium, a first set of a first type of unique data that is recorded on an information track on the recording medium in accordance with a predetermined rule;

acquiring, from the recording medium, a second set of the first type of unique data that is recorded on the recording medium in accordance with the predetermined rule, said first and second sets of the first type of unique data include information specifying a recording method; and

authenticating the recording medium based on a comparison of the first and second sets of unique data acquired in the data acquisition steps.

21. (Previously Presented) A computer readable recording medium comprising a read-only memory area and a read and write memory area, and storing, on the read and write area, a computer program for causing a computer to perform an instruction for authenticating a recording medium, the instruction comprising the steps of:

acquiring, from the recording medium, a first set of a first type of unique data that is recorded on an information track on the recording medium in accordance with a predetermined rule;

acquiring, from the recording medium, a second set of the first type of unique data that is recorded on an information track on the recording medium in accordance with the predetermined rule; and

authenticating the recording medium based on a comparison of the first and second sets of unique data acquired in the data acquisition steps.

22. (Previously Presented) An optical disk drive system, comprising:

a memory storing a program; and

a processor configured to execute the program stored in the memory, wherein the program includes an instruction for authenticating a recording medium, the instruction comprising the steps of:

acquiring, from the recording medium, a first set of a first type of unique data that is recorded on an information track on the recording medium in accordance with a predetermined rule;

acquiring, from the recording medium, a second set of the first type of unique data that is recorded on an information track on the recording medium in accordance with the predetermined rule; and

authenticating the recording medium based on a comparison of the first and second sets of unique data acquired in the data acquisition step.

23. (Previously Presented) The method according to claim 1, wherein the second set of unique data is recorded on the information track.

24. (Previously Presented) The computer readable recording medium according to claim 20, wherein the second set of unique data is recorded on the information track.

25. (Previously Presented) The computer readable recording medium according to claim 21, wherein the second set of unique data is recorded on the information track.

26. (Previously Presented) The optical disk drive system according to claim 22, wherein the second set of unique data is recorded on the information track.

27. (New) The computer readable recording medium according to claim 21, wherein said first and second sets of the first type of unique data include information specifying a recording method.

28. (New) The optical disk drive system according to claim 22, wherein said first and second sets of the first type of unique data include information specifying a recording method.